

EDGESEQ S-300

Flexible equipment. Precise units. Fast feed.
Perfect for reliable edge gluing.



Building living spaces.

From furniture to homes: The future is built with wood.

Together, HOMAG, WEINMANN, SYSTEM TM and KALLESOE provide comprehensive production solutions for manufacturers of optimized timber, engineered wood, timber construction, interior fittings, furniture and more. With over 500 years of combined experience in machinery engineering, automation systems, and software technology, our focus is on building strong partnerships that enhance your productivity, precision, and profitability.

This is how we are Building living spaces. Together, with you.

HOMAG – YOUR SOLUTION



High-precision edge banding solutions.

The edge largely determines the quality of furniture. This means it has to be perfect – without manual reworking. With an edge banding machine from HOMAG, your perfect zero joint becomes standard. Whether laser edging, airTec or PUR glue: We have the right solution for joiners who value immaculate precision.

To ensure that your individual furniture transforms rooms into living spaces in the future, too.

Building living spaces.

Building precision.

Your edge on quality.





Perfect edges produced with flexible machines for demanding customers

Individual customer requirements, sophisticated products, and a large range of materials — these are all requirements that play a key role in today's wood processing sector. It is therefore important that production is flexible and efficient, especially in woodworking shops and for medium-sized businesses. HOMAG offers you unbeatable advantages, has an international production network as well as sales and service companies, with a presence in more than 100 countries and around 7000 employees. HOMAG can help make your business competitive and ensure lasting business success. In short:

YOUR SOLUTION

[MORE AT HOMAG.COM](https://www.homag.com)



CONTENTS

06	The most important features
08	Edge parameters
10	Models
14	powerTouch control system
15	Our unit modules
32	Apps and digital assistants Software
38	Technical data
40	LOOPTEQ return
42	Life Cycle Services

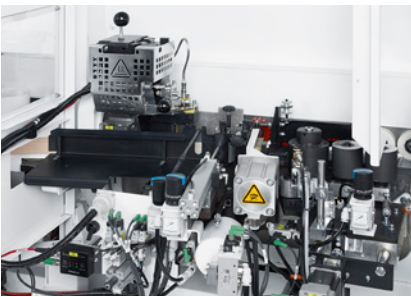
Nine models plus extensions — the choice is yours

THE MOST IMPORTANT FEATURES

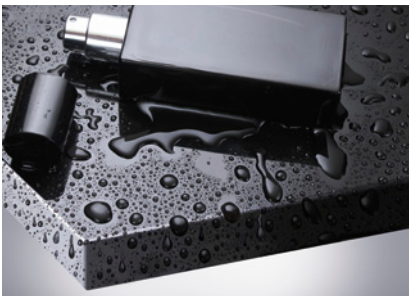
What distinguishes the series is the extensive equipment, including a belt top roll pressure unit for precise workpiece guidance, as well as optimized trimming tools for optimum chip removal and perfect processing quality. A variable feed rate for different performance classes ensures a high level of productivity. In addition, all machines can be extended.

Machines in the EDGETEQ S-300 series are energy efficient and environmentally friendly.

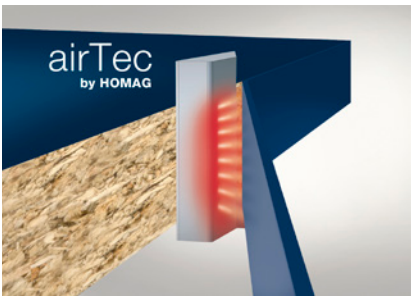
- High-quality furniture with high-quality edges
- More output due to high availability
- Low energy requirements
- High levels of efficiency
- Optimum price/performance ratio



Gluing stations for safe hot-melt glue application
HOMAG gluing stations are ideal for quick, solid gluing. The heated gluing roller ensures an optimal adhesive temperature.



Edge gluing with PUR
At HOMAG, PUR glues are processed on the same machines and with the same application unit as EVA hot-melt glues.



Zero joint technology with HOMAG airTec
The units are now equipped with a rotation fan heater, which improves the efficiency of the process, reduces noise, and ensures a more cost-effective use of resources.



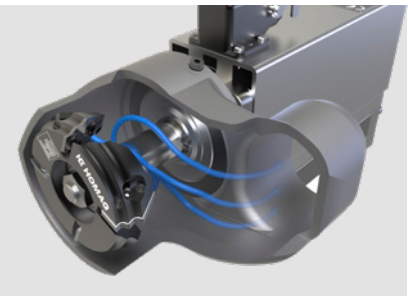
Intuitive operation with the powerTouch control system
Control machine functions directly using the multi-touch, widescreen monitor. The ergonomic design, as well as numerous help and assistant functions, simplify operation significantly.



Chain track in hardened design
Increases the service life of the chain track in multi-shift operation with consistently high workpiece quality



Multi-profile technology
For easy adjustment of the units at the touch of a button. Saves time and increases quality.

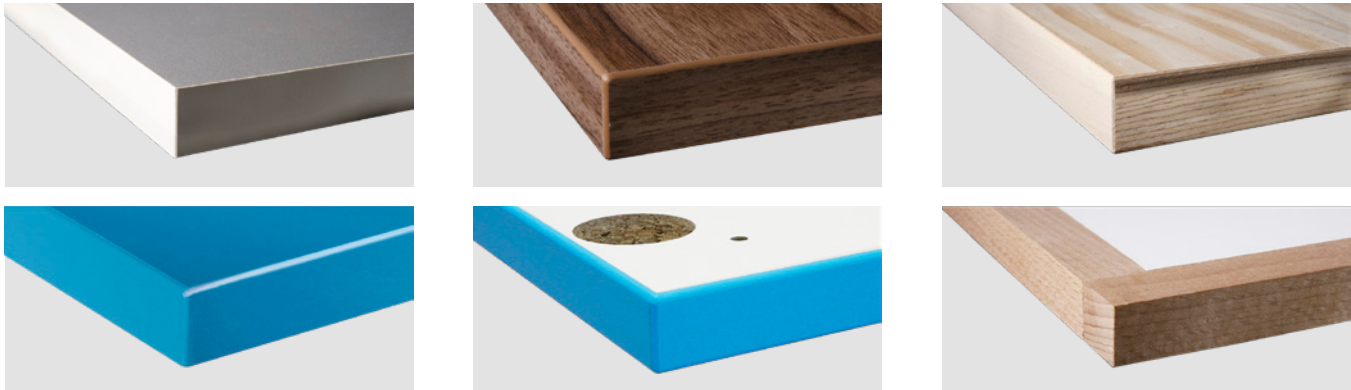


Controlled chip collection
The chips are suctioned off in the interior and fed to the extraction hood in a targeted manner. Reduced wear and tear and lower service costs increase profitability and service life. The reduced suction speed lowers energy consumption and costs.



Material types | Edge parameters

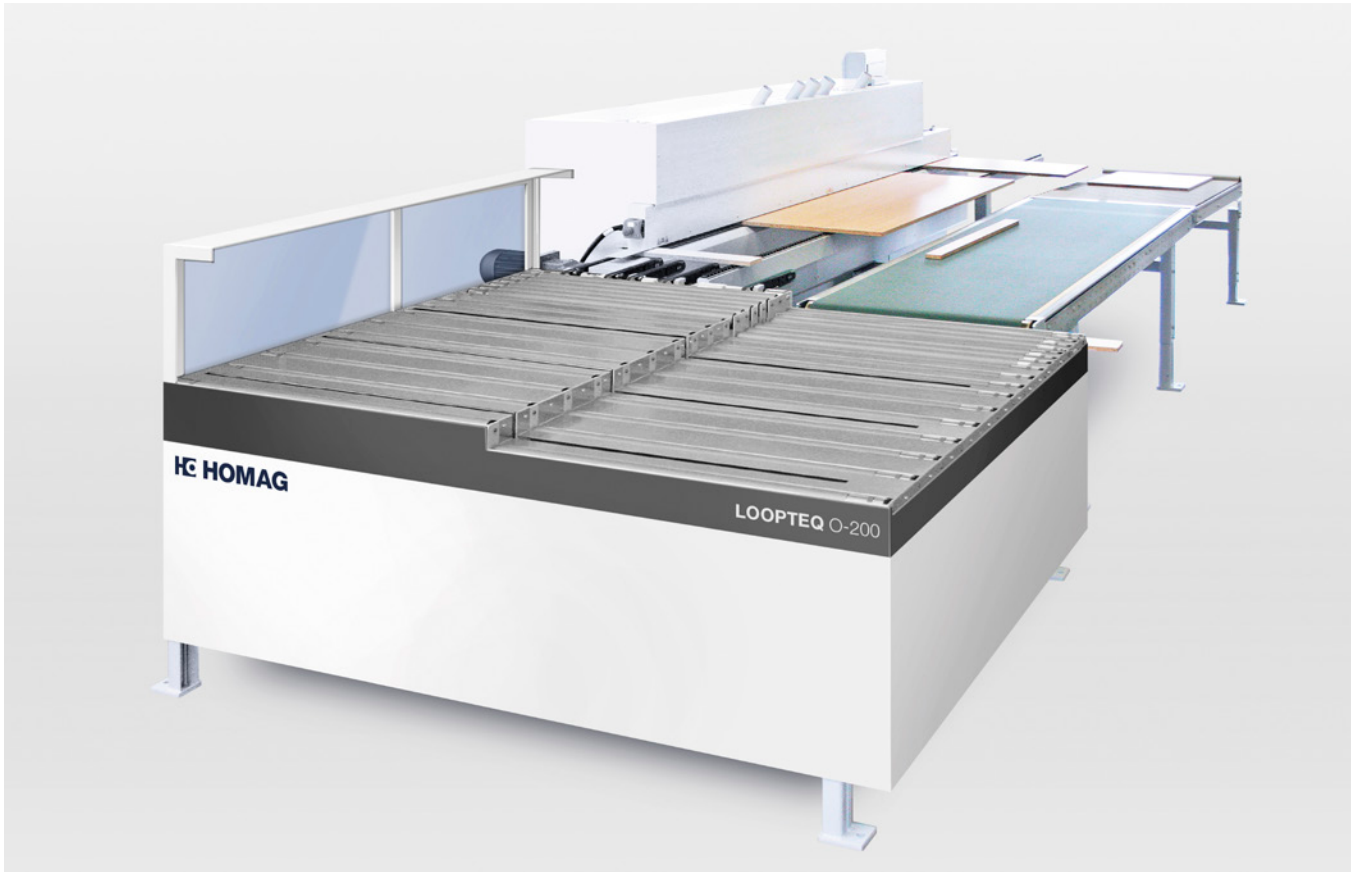
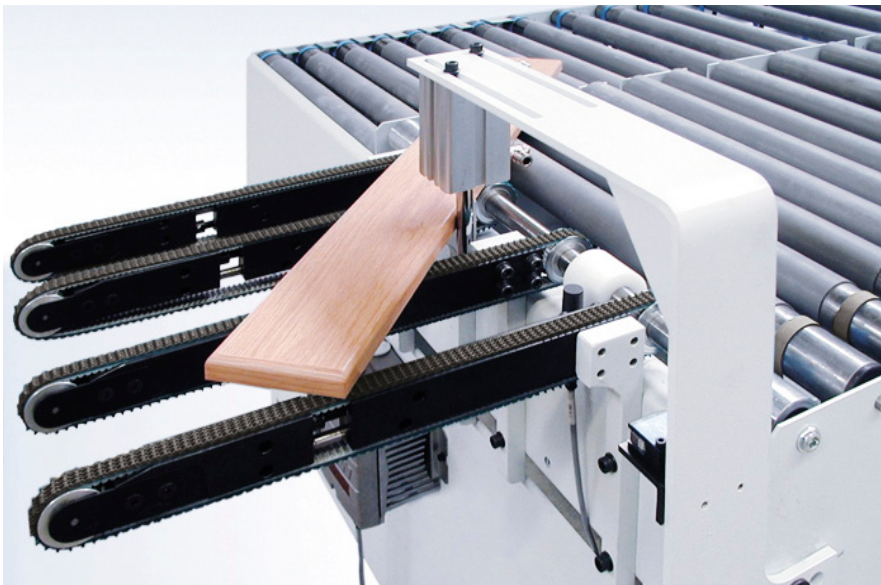
A high level of flexibility is achieved through the processing of all types of edge materials: 0.3-mm melamine, 2-mm ABS/PVC, 8-mm solid strip and veneer. For perfect high-gloss parts, important components such as the motorized top roll pressure element and the automatic adjustment of the glue joint scrapers are used. Special tracing elements are ideal for processing sharp-angled or blunt-angled parts or parts with hinge holes.



		a	b	c	d	e
	SOLID (mm)	If b ≤ 22: min. 70	8–60	0.4–8	65	Max. 30
	ROLLERS (mm)			0.3–3.0		
	STRIPS (mm)			0.4–3.0		

Higher productivity for your edge banding machine

The LOOPTEQ series workpiece returns are an optimal addition to machines from the EDGETEQ series. The LOOPTEQ O-200 is ideal for small, narrow and medium-sized workpieces.





EDGETEQ S-300 — 1440 FC model

The 1440 FC model of the EDGETEQ S-300 series offers long-term competitive advantages for woodworking shops, as well as for small and medium-sized businesses. In the basic version, the machine is equipped with a joint trimming unit, a precise gluing station, a dual-motor snipping unit, a trimmer, a radius scraper, a glue joint scraper and a

buffing unit. Depending on the requirements, the machine can be equipped with a Quickmelt gluing station for even more effective EVA adhesive production or a PUR melting unit. The optionally available automation packages for the machine reduce the setup time and ensure ease of use.

- 1 Joint trimming unit
- 4 Trimming unit
- 7 Glue joint scraper

- 2 Gluing station
- 5 Profile trimming unit
- 8 Buffing unit

- 3 Snipping unit
- 6 Profile scraper

EDGETEQ S-300 — 1450 FC model

To offer an optimal solution, the basic machine of the 1450 FC model is fitted with a joint trimming unit, a precise gluing station, a dual-motor snipping unit, a trimmer and a dual-motor profile trimming unit. A profile scraper with quick-change heads, a glue joint scraper and a buffing unit provide the perfect finish. If required and on request, the machine can be converted into an Edition model offering full automation at the factory. In addition to automating the entire machine, the focus here is

on post-processing. The multi-level technology is used on the trimmer and scraper. The radii can be changed easily at the press of a button since the units are fitted with NC axes. This means that the entire machine is equipped with multi-level technology and the customer is free to change radii in line with their requirements. Full flexibility is guaranteed and all individual customer requests can be taken into account.



Model 1430 HF

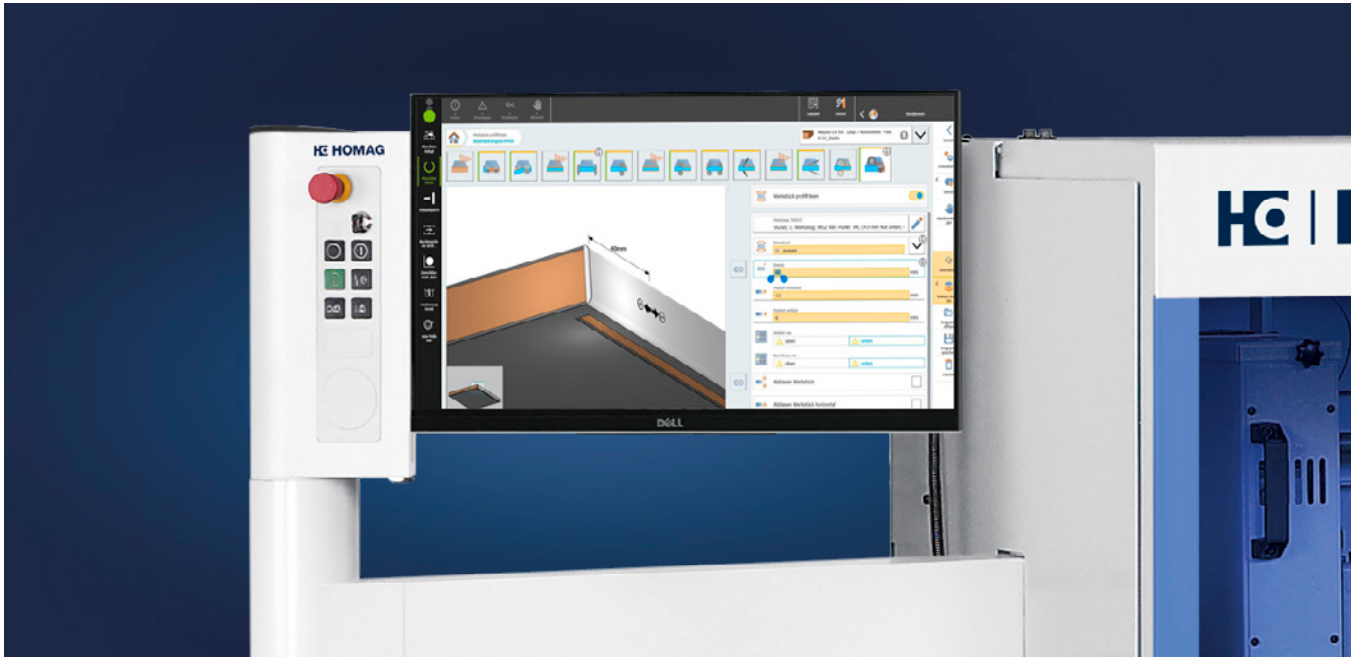
The machine is equipped with a precise Quickmelt gluing station, a swiveling dual-motor snipping unit for straight cuts and chamfer cuts and a trimming unit. For complete processing, a joint trimming unit, a profile trimming unit, a radius scraper, a glue joint scraper and a buffing unit are also available for the perfect finish. The Highflex models of the EDGETEQ S-300 series are characterized by their high degree of automation and the extensive unit equipment. The high level of flexibility allows the machines to be aligned to your needs and guarantees optimal edges.



Model 1440 AT

The airTec model of the EDGETEQ S-300 series is the right machine for carpenters with high requirements. It always offers the ideal solution for producing the optimum zero joint or other edge processing. The core of the machine is the gluing station, which acts as a double solution in addition to the airTec activation unit and thereby guarantees a high level of flexibility. In addition to the magazine, the machine is equipped with a joint trimming unit, a dual-motor snipping unit, a trimmer and a profile trimming unit. A radius scraper, a glue joint scraper and a buffing unit provide the perfect finish. The airTec model offers a high degree of automation and a comprehensive unit equipment.





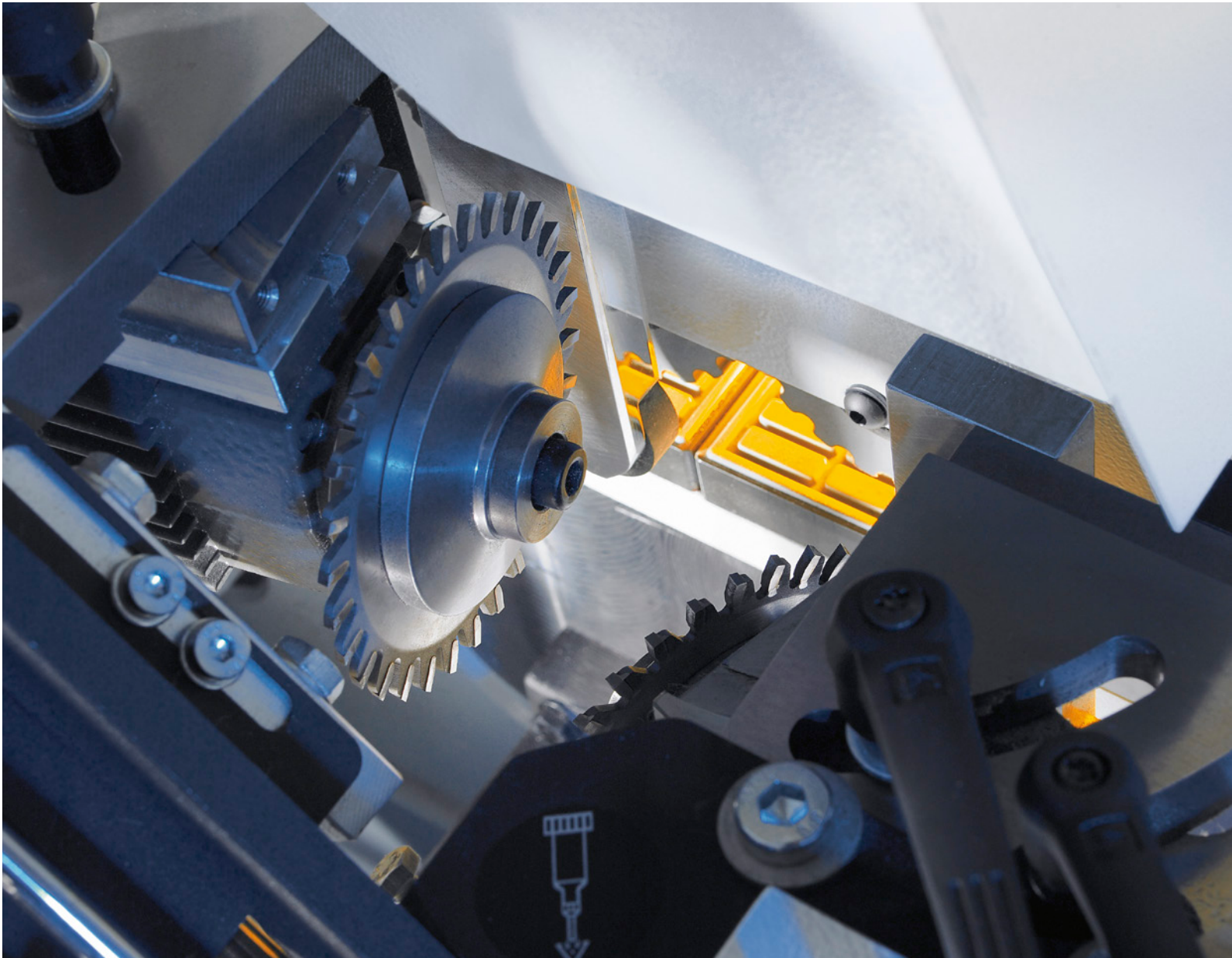
powerTouch — The new dimension of machine control units

powerTouch represents the operating philosophy of HOMAG: standardized, simple, ergonomic and evolutionary. The innovative touchscreen operating concept combines design and function in a completely new generation of control systems.

At the heart of the concept is a large, widescreen multi-touch monitor that allows machine functions to be controlled directly by touch. The entire programming interface is optimized for powerTouch operation and offers numerous help and assistant functions that make working processes substantially easier. Standardized control elements and software modules ensure that all HOMAG edge banding machines from the EDGETEQ S-300 series can be operated in the same way using this new concept. They differ only in a few machine-specific details. This not only simplifies operating different machines, but also makes for greater efficiency by significantly reducing the time spent on training and service.

Your benefits

- **24" monitor with full HD resolution**
- **Quick overview of the machine status**
- **Easy, user-oriented navigation**
- **Guided path to production readiness using a traffic light indicator**
- **New ergonomic design of the operating panel**
- **Intuitive, natural operation of the machine**
- **Use of gestures, e.g. scrolling, swiping**



Our unit modules: The right solution, whatever the requirement

For wide-ranging and diverse processing tasks, we use units from our tried-and-tested unit modules. We are constantly expanding our functions so we can offer you the right solution for new trends. The following pages contain units from the

fields of joint trimming, gluing, cutting, trimming, grooving and finishing. You benefit from a high level of precision and state-of-the-art technology, and the ability to produce your products flexibly and efficiently.

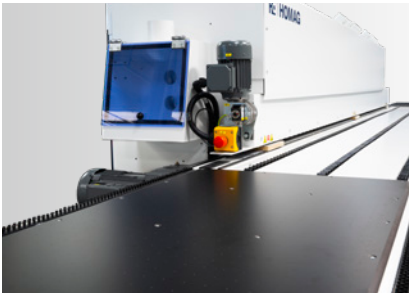
Workpiece feeding

Workpieces need to be fed into machines precisely in order to achieve perfect edge quality. Take advantage of the benefits

our solutions have to offer, such as infeed guides, infeed blocks, sliding carriages and workpiece supports.



Air cushion table
Air cushion table for safe loading of the machine.



Air cushion table at outfeed
Available in combination with the infeed table, size: 1275 x 650 mm



Automatic infeed fence adjustment
Program-controlled, precise and repeatedly accurate adjustment of the infeed guide via the servo axis.



Sliding carriage
Robust linear guide for feeding the workpieces at a right angle.



Infeed block
For a minimum workpiece distance and safe operation.



Infeed device
Automatic edge infeed for quick edge changes between different rolls of material.

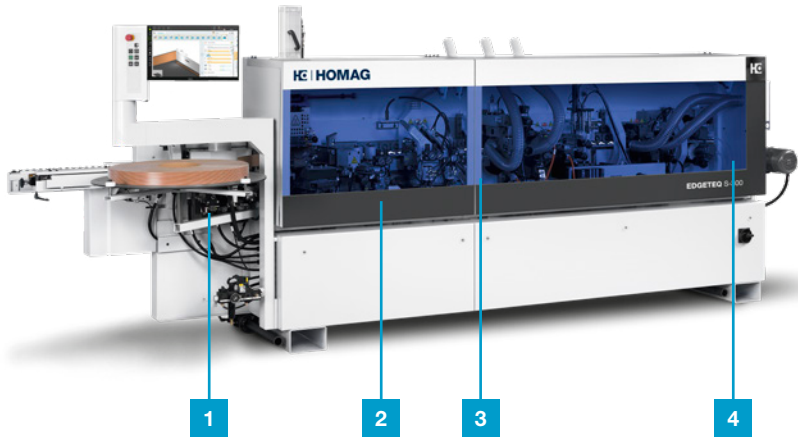


Belt-type top roll pressure
Optional belt top roll pressure unit available instead of the standard roller top roll pressure unit.

Sprayers

Sprayers improve the edge quality throughout processing. Separating agents prevent hot-melt glue residues forming deposits and anti-static agents prevent plastic chips forming deposits.

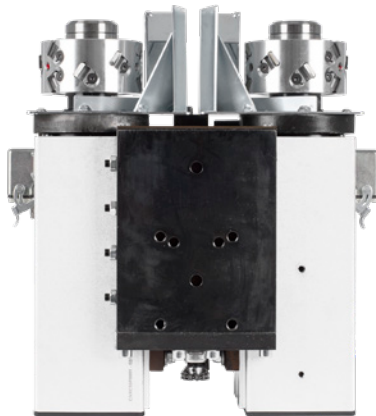
The adhesive residues can be easily removed using cleaning spray. Lubricants prevent shiny marks on the workpieces and protect sensitive surfaces before trimming.



- 1 Separating agent
- 2 Lubricant
- 3 Anti-static agent
- 4 Cleaning agents

Joint trimming unit

Our joint trimming units form the basis for precise, absolutely straight and tear-free workpiece edges and glue joints with consistently high product quality.

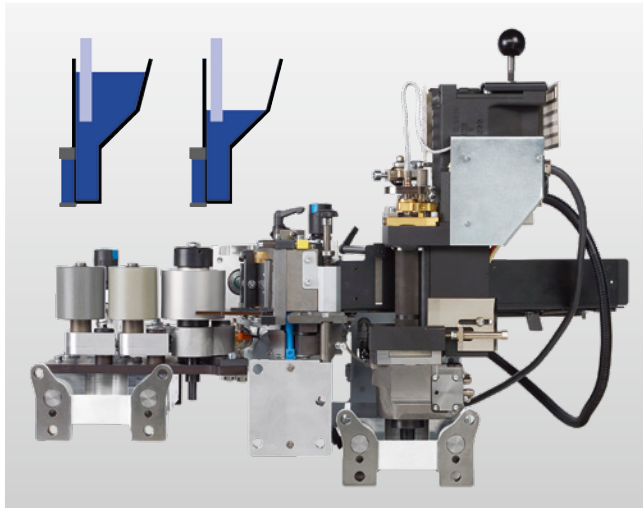


Joint trimming unit
Diamond tools ensure perfect cutting and a long service life, as well as optimal glue joint quality. The diameter is 100 mm.

Safe hot-melt glue application

For solid gluing, it is crucial to achieve an optimum interplay of very different factors. On HOMAG machines, the workpiece preheating, application unit, heated gluing roller, quick-release

system, melting unit, magazine and pressure zone are perfectly aligned.

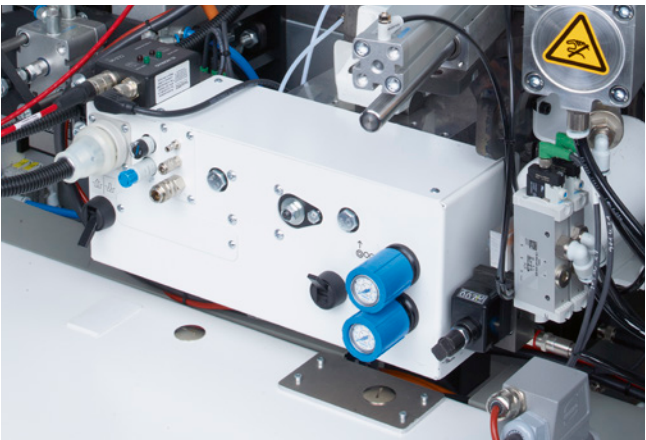


Top gluing unit — QA65N glue application system
The application unit can be easily removed by means of a quick-change device with pneumatic interface.

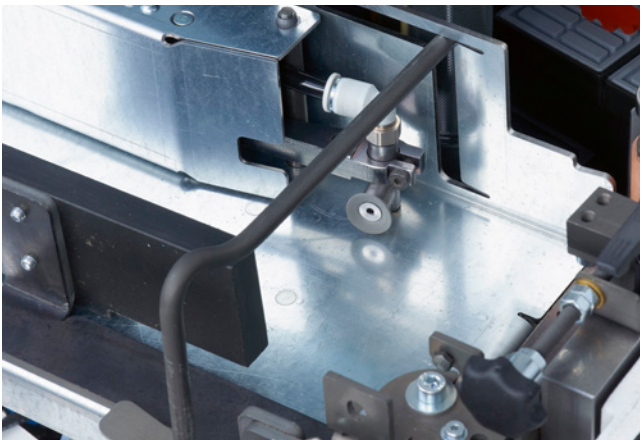
Sensor for checking the fill level of the application unit
Switching to a lower glue level guarantees a fast heat-up time for processing small batch sizes.

Your benefits at a glance — QA65N

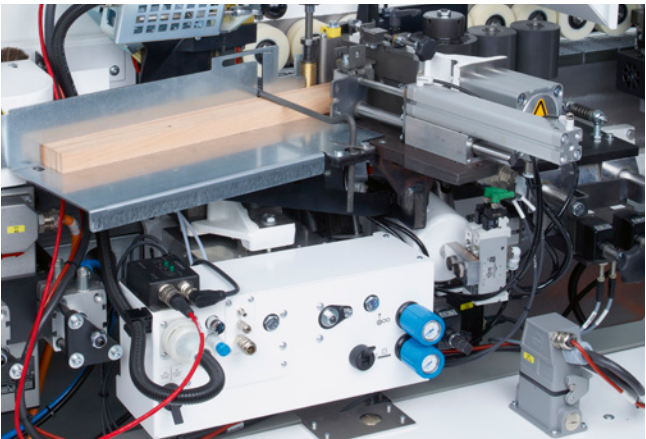
- Short heat-up time thanks to sensor-controlled level regulation (two levels can be selected)
- The application unit can be easily removed by means of a quick-release lock for melting hot-melt glue either automatically or manually
- Gluing roller with integrated heating unit guarantees a constant temperature and viscosity for all workpiece thicknesses
- Electro-pneumatic clamping of the gluing roller and tank prevents glue contamination on the rear edge of the workpiece
- Tracing pad prevents wear to the application roller and ensures a constant glue film thickness
- Gluing roller lifts when feed stops



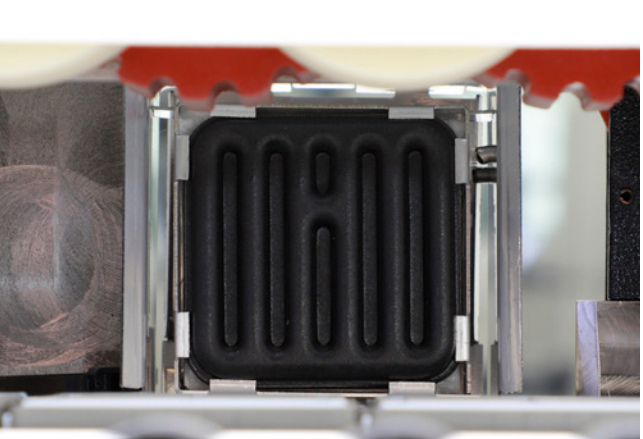
NEW: Magazine height adjustment:
The edge overhang on the underside can be increased by adjusting the magazine plate.



NEW: Strip separation:
The use of a vacuum suction unit allows strips to be separated into thin veneer, HPL or composite strips reliably



NEW: Servo edge feed:
The direct drive enables a more precise edge position without gears and drive units, which increases the durability and operational safety and reduces the maintenance effort.



Workpiece preheating with heaters
High-strength gluing due to optimum workpiece preheating.



Pressure zone
Heavy pressure zone up to 8 mm edge thickness and 60 mm panel height for optimum glue joint quality.



Roller counterpressure
Roller counterpressure for sensitive edge material.



Automatic glue quantity metering

The application quantities are implemented quickly and easily via the powerTouch user interface for automatic glue quantity metering. The glue is applied in synchronous operation.

Precisely and quickly adjustable glue quantities result in:

- Optimal gluing quality
- Higher availability and performance
- Greater cost efficiency

Systematic gluing



**Melting unit in three versions:
EVA, PUR as well as EVA and PUR**

- Efficient processing, as the glue is pre-melted
- Melting capacity max. 2.5–4 kg/h
- With the combination EVA and PUR, changing the type without cleaning is fast and easy thanks to interchangeable containers



Interchangeable container

Easy to use for
EVA and PUR glue



Melting unit for EVA

High availability, as the adhesive is melted only in accordance with adhesive consumption. The Quickmelt system ensures perfect glue quality.

- Melting capacity max. 8 kg/h
- Swiveling



PUR glue and HOMAG — a strong connection

Using polyurethane (PUR) hot-melt glue increases the resistance of furniture to moisture and heat. It is ideal for use on furniture in damp areas such as bathrooms, kitchens and laboratories.



Your HOMAG PUR benefits at a glance

- One application unit for all types of adhesive
- No additional application unit required
- Fast, powerful thin-film application using a gluing roller with integrated heating unit
- To be used as standard from the entry-level model to the high-end machine



Vacuum container

- Compact, portable container for the PUR application unit
- No vacuum pump and no nitrogen necessary



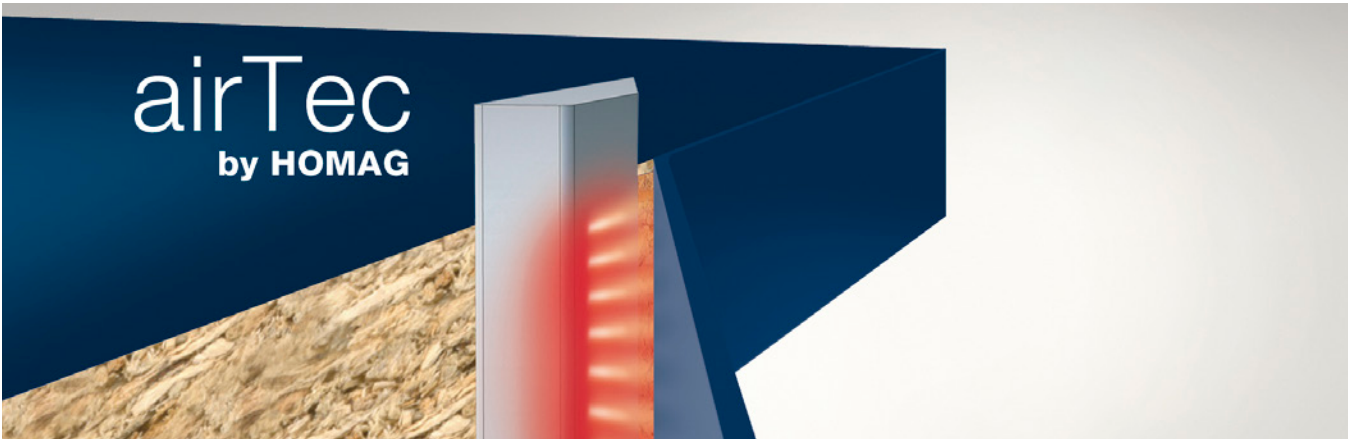
Service station

- Preheating and cleaning station for the QA65N application unit with one storage position
- High level of flexibility thanks to up to two vacuum containers for one QA65N application unit or one PUR melting unit with 2.5 kg/h capacity
- No vacuum pump and no nitrogen necessary
- With optional accessories also for application units for the powerEdge Pro/Pro Duo CNC edge banding unit



Service station

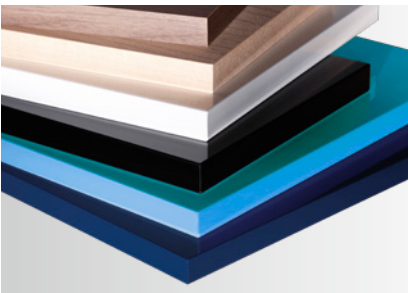
The image shows the application unit in the holding device for preheating.



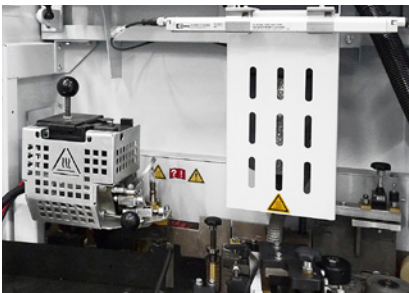
airTec — an ideal introduction to zero joint technology

The airTec process has established itself as the optimum zero joint solution for woodworking shops and medium-sized companies. HOMAG's response to increases in demand is an innovative and more efficient airTec solution that ensures a more cost-effective use of resources. At the core of the airTec

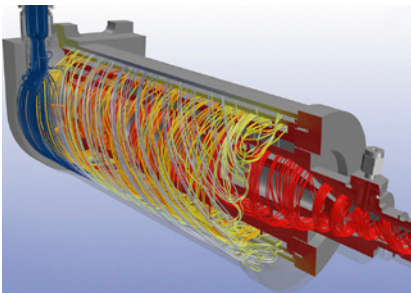
unit is a rotary fan heater, which provides increased efficiency and a significantly reduced noise output. All laser-compatible edging types that are currently available on the market can be processed with airTec. This means great flexibility for all materials and colors.



Gluing edges "without joints"
In the airTec process, the edge and panel are bonded using hot air. This requires the use of special edges. These consist of a decorative layer and a functional layer. Using the HOMAG airTec unit, the functional layer is melted at a constant temperature and volume outflow and optimally applied to the narrow surface.



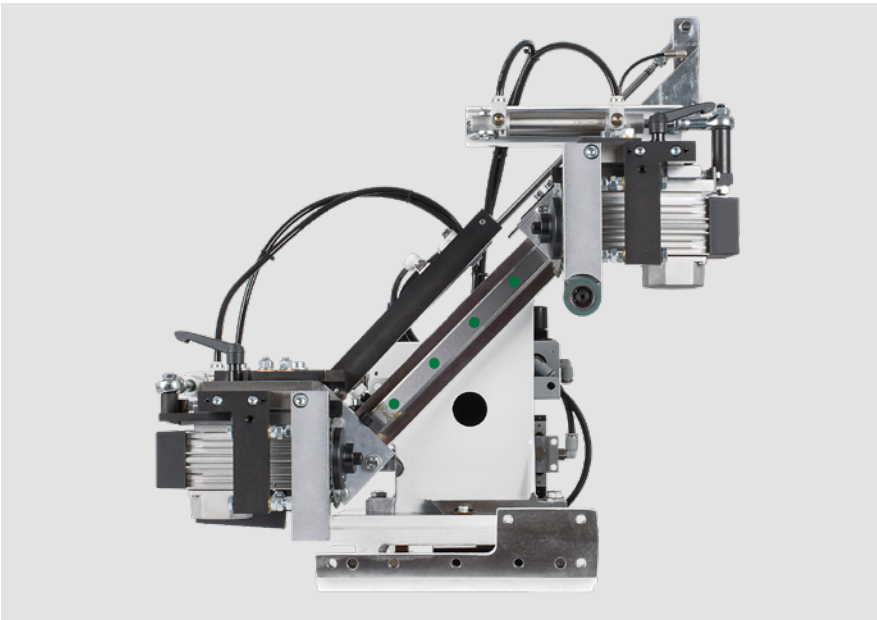
Easy integration
The airTec reactivation unit is installed in such a way that it is possible to work with either the standard application unit or the airTec system.



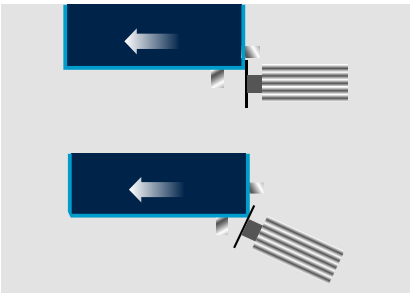
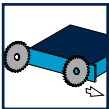
Innovative rotation fan heater
This source of energy heats the air and simultaneously serves as a heat storage that can then be used to heat the air again. In addition, less air is required and the heating effect on the surrounding area is minimized. Any noise is almost exclusively produced during the activation process and is below the noise level of other processing units.

Snipping unit for cutting the overhangs on the front sides

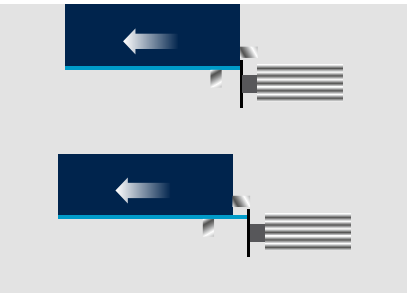
The snipping unit prepares the workpieces for subsequent trimming perfectly. The front side can be snipped straight or with a chamfer.



Snipping unit
Exact snipping cut via a robust snipping unit with a highly precise linear guide. Swivels to easily adjust for chamfer or straight snipping (optional: adjustment via pneumatics).



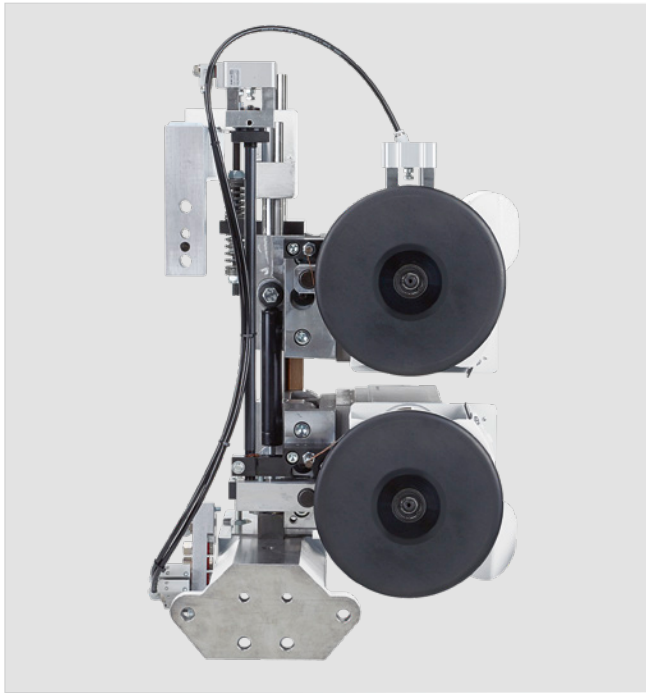
Automation in the standard version
Programmable adjustment of the snipping motor for chamfers/straight lines, for a quick change between straight-line snipping and cutting with a chamfer.



Can be automated
For a quick change between flush snipping, e.g. of solid strips or shelves, and cutting with an overhang, e.g. for post-trimming with a profile trimming unit.

Trimming units for flush trimming

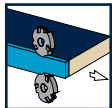
The pre-trimming and fine-milling units offer the perfect solutions for processing edge overhangs. The trimming units are only equipped with tools that collect the chips in a controlled manner.



Pre-trimming
For pre-trimming all standard edge types.



Trimming unit
Flexibility for different edge thicknesses and profiles thanks to NC axes.



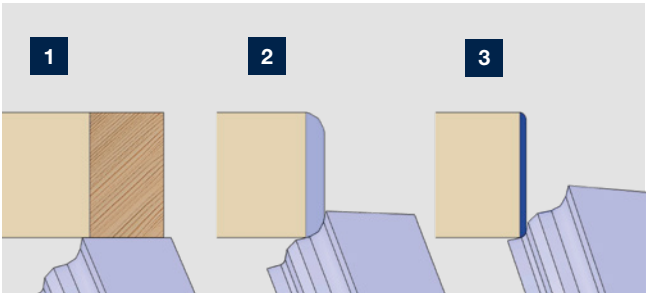
Trimming with multi-level technology

The range of edges and panel materials is continually growing and so is the demand for flexibility. It is immaterial if edges are made from plastic, solid wood or veneer, or if workpieces have high-gloss surfaces. The multi-level trimming unit always offers the optimum radius for frequently changing applications, and therefore the best results.

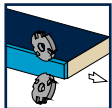


Multi-level trimming unit MS 40/45
Fully automatic changeover to three different profiles using servo motors*. The image shows the nesting package.*

* Servo motors: Servo drives consist of motors with an infinitely variable adjustment. They impress thanks to a high positioning accuracy and are particularly suitable for small positioning distances.

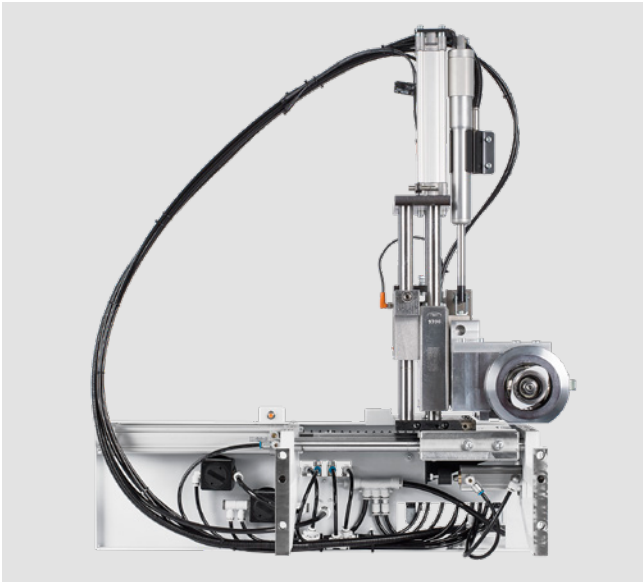


- 1 Flat (MS 40/45)
- 2 Profile 1
- 3 Profile 2



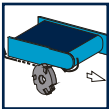
Profile trimming units

The profile trimming units are universal. As a user, you have the option to manually adjust the units or perform programming using the control system.



FF6210 profile trimming unit
Optimum profile trimming without making adjustments thanks to the linked DIA tool and tracer roller. Equipped with automatic adjustment between thin and thick edges. Workpiece thickness 60 mm.

Can be automated
Automatic adjustment to two different profiles possible.

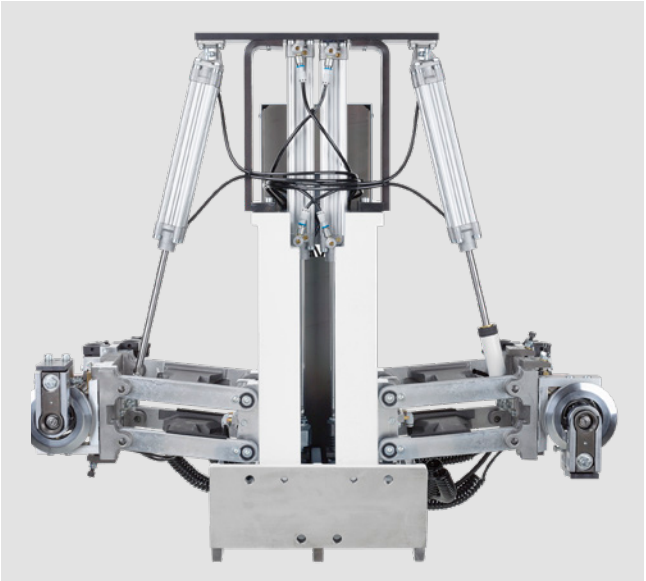
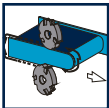


- Highlights of the new tool system**
- Robust mechanics
 - Closed system that can be easily maintained from the outside without being dismantled
 - Sensory detection of the tool levels — for clear determination of the tool position
 - Safe tool positioning thanks to special adjusting axes

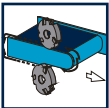


MF 50 multi-functional trimming unit
For processing edge overhangs on the top and bottom edge of the workpiece and for copying the corners of the front and rear edge. Equipped with automatic adjustment between thin and thick edges. Workpiece thickness 60 mm.

Can be automated
Automatic adjustment to two different profiles possible.



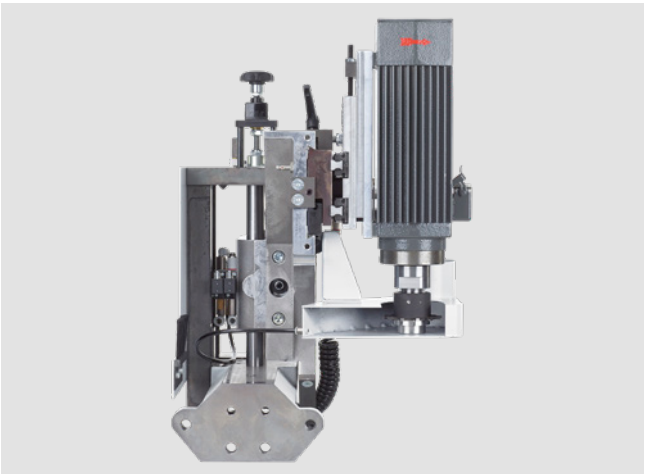
FF 20 profile trimming unit
For rounding corners on thick PVC edges, as well as top edges on post-forming and soft-forming parts. Equipped with automatic adjustment between thin and thick edges. Workpiece thickness 60 mm.



Structural shelves
Profile trimming is also possible on workpiece sides without an edge. This applies not only to structural shelves, but also to upper and lower shelves, shelf inserts and partition panels.

Groove milling unit

A swiveling groove milling unit is available for grooving. If required, the workpiece underside and the front side can be grooved.



Groove milling unit
A swiveling groove milling unit is available for grooving. If required, the workpiece underside and the front side can be grooved. On the 1450 FGC model.



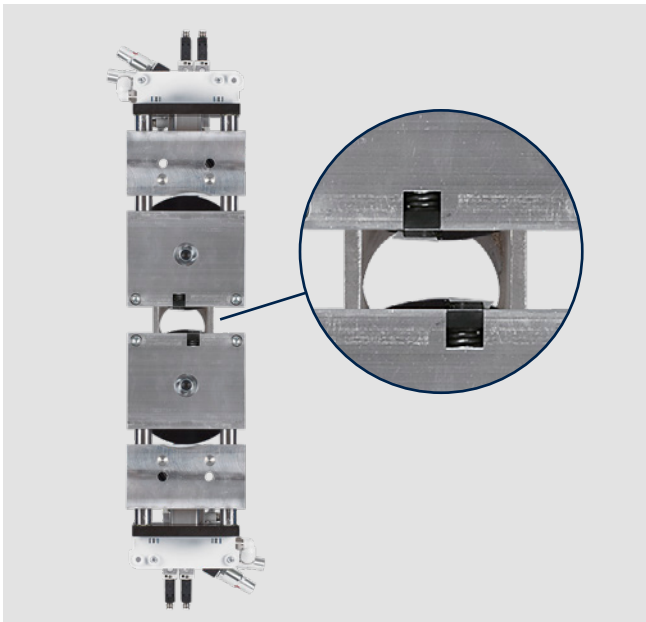
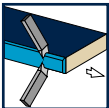
Safety equipment
For grooving in solid strips in synchronous rotation.

Finishing units

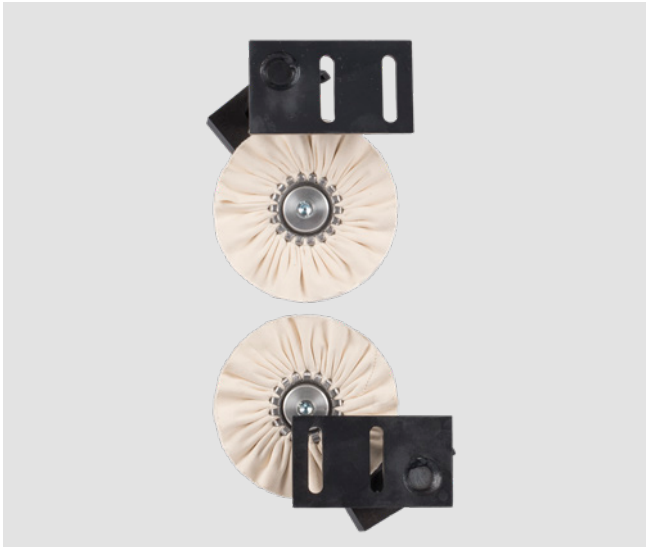
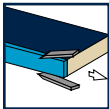
With optimally matched finishing units, HOMAG makes the quality of your products perfect.



Profile scraper unit
Unit for smoothing radii and chamfers. Equipped with changer heads to allow rapid profile changes.



Glue scraper unit
For the perfect finish.

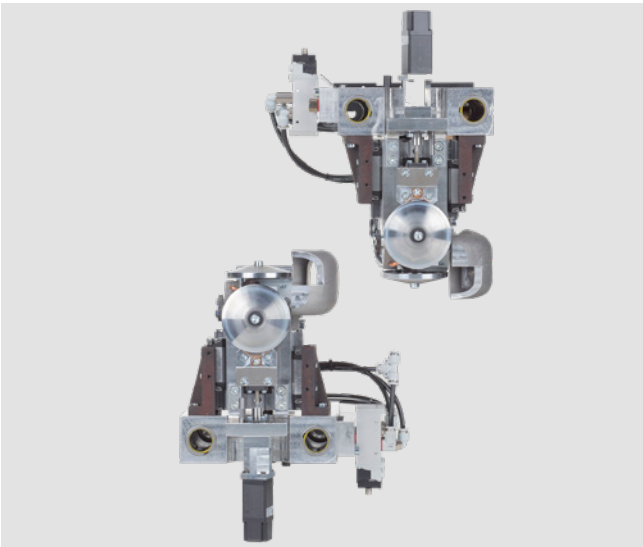


Buffing unit
For polishing edges for a natural color.



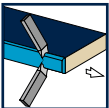
Finish with multi-level technology

The range of edges and panel materials is continually growing and so is the demand for flexibility. It is immaterial if edges are made from plastic, solid wood or veneer, or if workpieces have high-gloss surfaces.

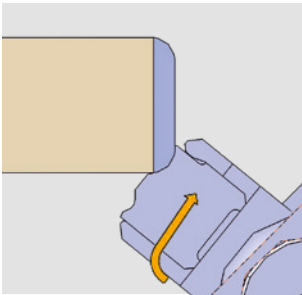


Multi-level scraper unit MZ 40
Fully automatic changeover to two different profiles using servo motors*.

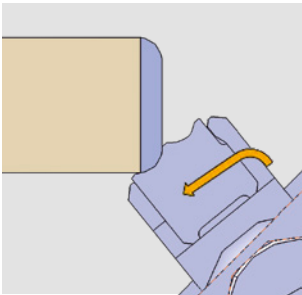
* Servo motors: Servo drives consist of motors with an infinitely variable adjustment. They impress thanks to a high positioning accuracy and are particularly suitable for small positioning distances.



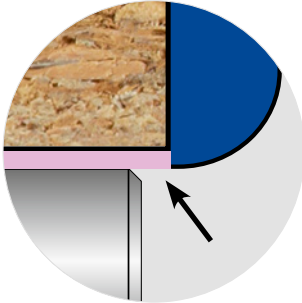
The multi-level scraper always offers the optimum radius for frequently changing applications, and therefore the best results.



Profile 1



Profile 2



Optimum compensation for protective films

Apps and digital assistants.

Quick and easy support in your machine environment.

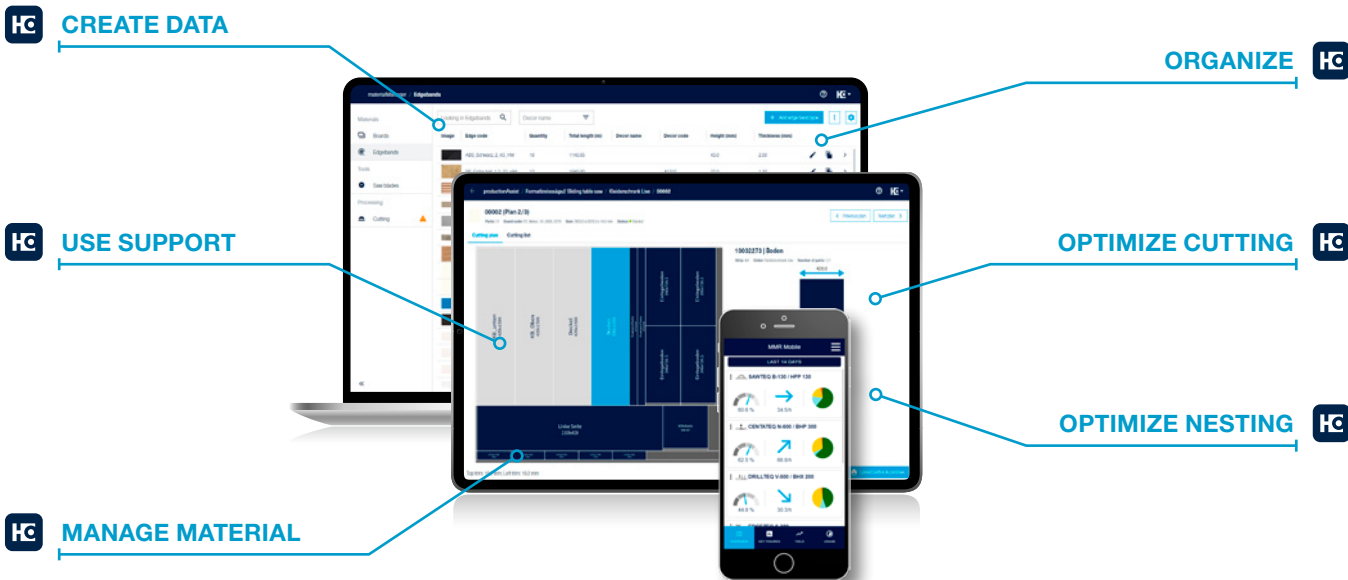
Some people still use pen and paper to create their cutting patterns. But they look at their smartphone if they want to know what the weather is like – instead of looking out of the window. We asked ourselves: why not combine the best of both? Our apps and digital solutions make your everyday work easier: machines, material, tools, cutting patterns, components – you always have everything in your pocket or on your desk.

EXCERPTS FROM YOUR FEEDBACK:

- Are there simple solutions that can eliminate various obstacles in my day-to-day work (e.g. when organizing materials or sorting parts)?
- Is there a way to slowly approach using digital assistants?
- Which tools can you try out simply and easily without having to invest huge sums of money straight away?

OUR ANSWER? SMART AND POWERFUL SOLUTIONS:

- ✓ Always low investment
- ✓ Always up to date (no updates necessary)
- ✓ Always easy to use (no complex software)
- ✓ Always helpful



THE ADVANTAGES AT A GLANCE

- No investment, update or maintenance costs
Low starting price, no unplanned financial expense
- Licenses are independent of the user
Any number of employees can use the application without incurring additional costs
- Independent of hardware and operating system
Can be used anywhere, anytime
- Open system – import possible from almost all systems (ERP, industry software, CAD/CAM, Excel, CSV)
No obligation to use specific software systems
- Simple, smart operation
Minimal training required
- More efficient production
Jobs completed more quickly, more safely and in higher quality



More information at
digital.homag.com

woodCommander⁶

Start smart. Finish fast.

Software for quick selection of the processing programs and the edge material. For the reliable and fast acquisition of production parameters as well as the workpiece-oriented creation of machine programs. The new operating platform makes it easier to handle complex machines thanks to consistent digitalization and simplified operation, a reduced number of clicks due to program linking and improved operator guidance.



Fast

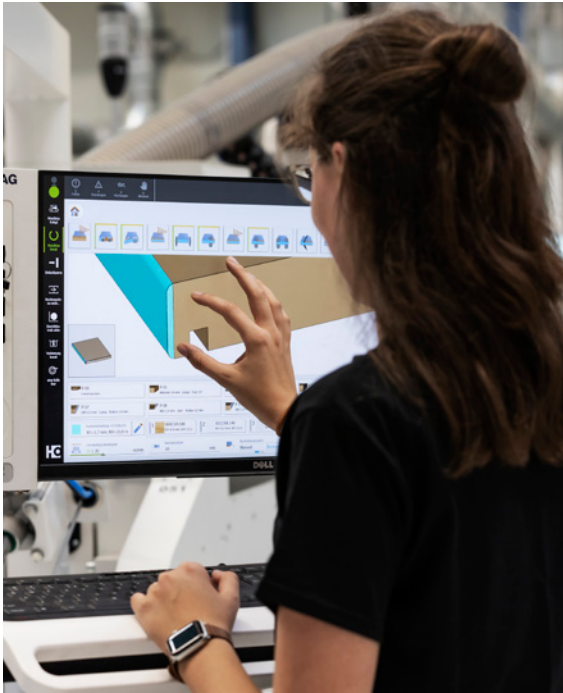
- Fewer clicks — e.g. by combining parameters
- Quick program change thanks to preview images from the 3D simulation
- Permanent overview window for quick orientation
- Fast overview thanks to scaled WYSIWYG representation
- Focus on processing steps
- Faster entries thanks to the pop-up keyboard with predicted text
- Situation-specific display of relevant parameters
- Time and cost savings thanks to fewer sample workpieces
- High quality even for the first workpiece

Safe

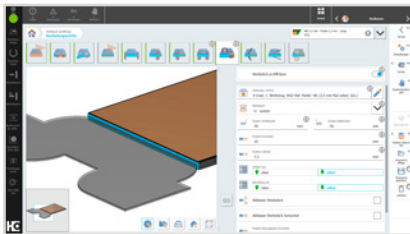
- High operating reliability thanks to real 3D workpiece simulation
- Display of the dimensioning directly on the 3D workpiece
- Understanding of the processing steps thanks to the simulated effect on the workpiece as well as the switchable tool track
- Automatic check of impermissible parameter combinations with suggested solutions — e.g. if the edge is too thick: "Change edge thickness" or "Switch off scraper"
- Setup with manual adjustments via QR code
- Identification of unsaved program parameters

flexible

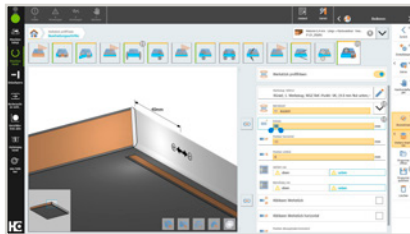
- User-specific arrangement of parameters
- Maximum flexibility thanks to widgets for programs, edge material ...
- Individual integration of edge macros into the program
- Standardized tool management via HOMAG ToolManager
- Demand-based switching of operating parameters, e.g. of the joint dimension
- Integrated user rights management — e.g. only authorized employees may change programs



With just a few clicks, you can access the workpiece program.



3D workpiece simulation with tool track that can be displayed or hidden.



When the parameter is selected, the dimensions are displayed on the workpiece.

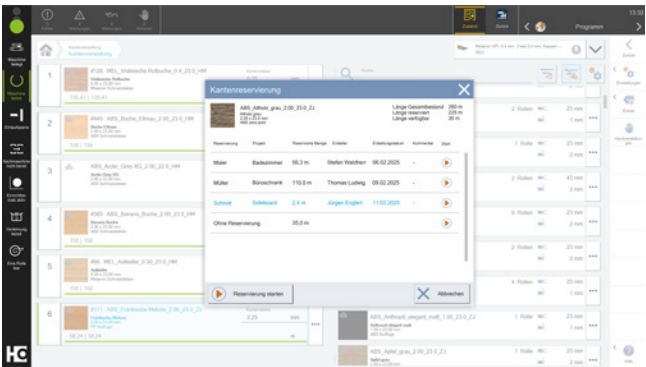
NEW: Simplest user interface

With the "simplest user interface," we offer a solution for operators without suitable qualifications so that our highly automated machines can be operated flexibly. Operators who do not have the required qualifications are often used in various countries and divisions. With our lowest user level, only the basic processing programs are displayed, while access to other functions is blocked and can only be changed by a higher user level. This means that even inexperienced operators can operate the machine safely and efficiently.



NEW: Allocate edge material

It used to be the case that the edge material for a planned piece of furniture was already processed for another job before the job started. But that is now a thing of the past. With our new function, you can allocate edge material for your projects. As soon as a roll of this material is inserted in the machine, the operator is prompted to define whether they want to process the allocation or whether they want to use the remaining available material. This allows us to ensure that every job is processed with the correct materials—just as you wish.



EDGE DATA PACKAGE

Managing your edge data has never been easier! Don't have an overview of your edgeband stock? Did you run out of edgeband material or order too much? The Edge Data Package (Edge Data plugin + Edgeband Management Set) enables you to access a catalog containing all edgeband data from leading edge suppliers directly on the machine. While woodCommander makes direct operation on the machine easier, the plugin links the machine to the Edgeband Management Set.

Your benefits at a glance

- Complete transparency: all information about your edgebands available at a glance.
- Lightning-fast and error-free recording of your edge data — without any manual intermediate steps.
- Easy and continuous access to all edgeband data from leading edge suppliers directly on your machine.
- Sustainable: complete overview of edge stock and storage locations. This reduces duplicated orders and saves costs.
- Efficient networking: With the Edge Data plugin, woodCommander is used to directly connect your machine (e.g. EDGETEQ S-500) and the edgeband assistant.



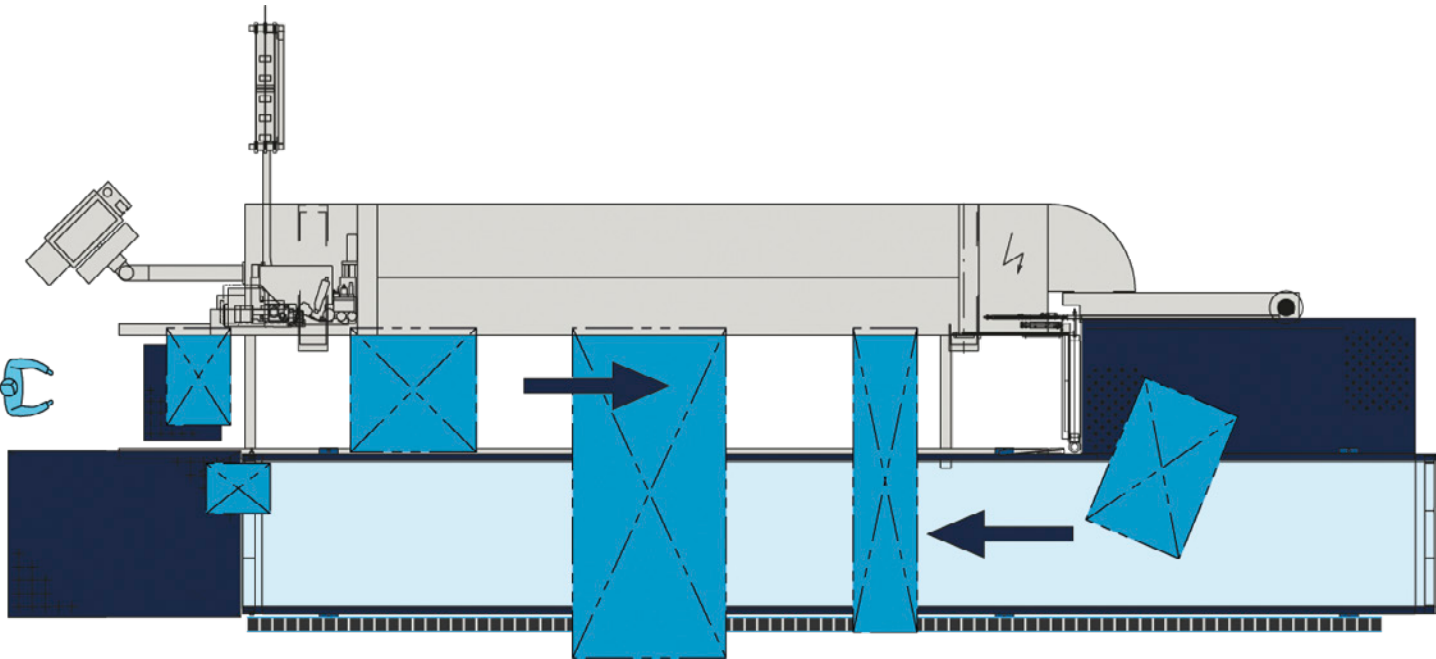
Technical data

EDGETEQ S-300 series

	Model 1430 FC	Model 1440 FC	Model 1450 FC	Model 1450 FGC
Overall length (mm)	4773	5273	5773	5773
Feed (m/min)	8–14			
WORKING DIMENSIONS				
Workpiece width (mm) * for workpiece thickness 8–22 mm	70			
Workpiece thickness (mm)	8–60			
Edge thickness rollers (mm)	0.3–3			
Edge thickness strips/moldings (mm)	0.4–8			
Joint trimming unit	✓	✓	✓	✓
Magazine (gluing station/pressure zone)	✓	✓	✓	✓
Snipping unit	✓	✓	✓	✓
Chamfer/radius trimming unit	✓	✓	✓	✓
Profile trimming unit	✓	✓	✓	✓
Profile scraper	✓	✓	✓	✓
Glue joint scraper	✓	✓	✓	✓
Buffing unit	✓	✓	✓	✓
Grooving unit				✓

* Dependent on the workpiece thickness

	Model 1430 HF	Model 1440 HF	Model 1440 E	Model 1450 E	Model 1440 AT
Overall length (mm)	4773	5273	5573	6075	5573
Feed (m/min)	8–14				
WORKING DIMENSIONS					
Workpiece width (mm) * for workpiece thickness 8–22 mm	70				
Workpiece thickness (mm)	8–60				
Edge thickness rollers (mm)	0.3–3				
Edge thickness strips/moldings (mm)	0.4–8				
Joint trimming unit	✓	✓	✓	✓	✓
Magazine (gluing station/pressure zone)	✓	✓	✓	✓	✓
Snipping unit	✓	✓	✓	✓	✓
Chamfer/radius trimming unit	✓	✓	✓	✓	✓
Profile trimming unit		✓	✓	✓	✓
Profile scraper	✓	✓	✓	✓	✓
Glue joint scraper	✓	✓	✓	✓	✓
Buffing unit	✓	✓	✓	✓	✓
Grooving unit					



EDGETEQ S-500 with LOOPTEQ workpiece return

LOOPTEQ O-200 and LOOPTEQ O-300 return: Higher productivity for your edge banding machine

This indispensable helper makes the return system of your HOMAG EDGETEQ even more efficient. Single-person operation enables you to optimize your workpiece return flow, resulting in a streamlined and efficient production process.

Your HOMAG machine of the EDGETEQ S-300 series can be freely combined with this return. It is ideally suited for customers with small, narrow and medium-sized workpieces.

Your benefits at a glance

- Fast return on investment — pays for itself from just nine hours of operating time per week
- Flexible personnel organization — thanks to cost-effective single-person operation
- Ergonomic working — manual parts handling is reduced to a minimum
- Better quality control — quick response to material adjustments

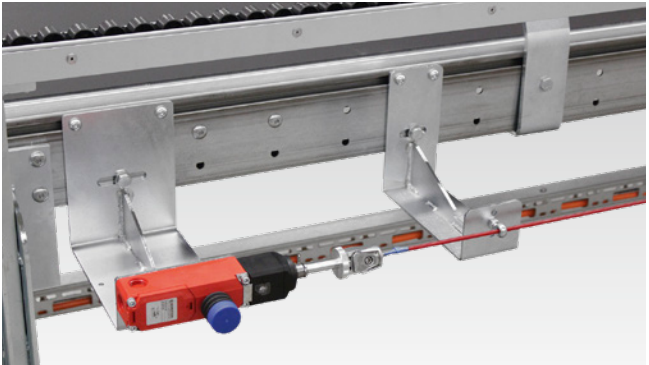
Technical data

	LOOPTEQ O-200	LOOPTEQ O-300 TFU 140/20	LOOPTEQ O-300 TFU 140/25
Workpiece length (mm)	300–2500	300–2500	240–2700
Workpiece width (mm)	50–1450	60–800	60–1000
Workpiece thickness (mm)	8–60	8–60	8–60
FOUR-SIDED PROCESSING*			
Min. workpiece size (mm)	300 × 300	300 × 80	240 × 80
Max. workpiece size (mm)	1450 × 1450	2000 × 800	2500 × 1000
MISCELLANEOUS			
Max. workpiece weight (kg)	50	50	50
Surface weight (kg/m²)	25	25	25

*In four-sided processing, larger parts can be returned or ejected with manual assistance in the event of transverse offset or rotation.

By the way

The return pays for itself within one year, starting from nine hours of use per week!



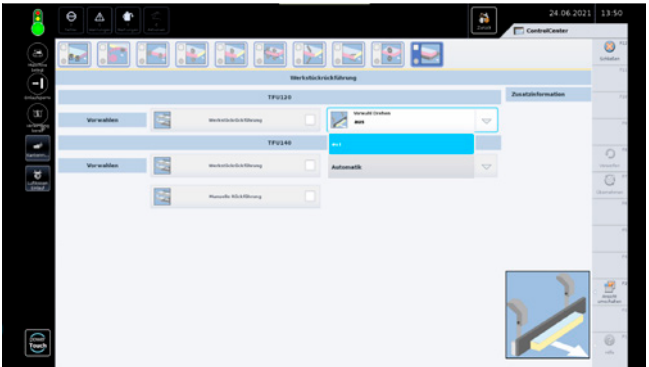
Safety equipment

Pull cord longitudinally to the return belt.



Cleaning the belts

For optimum protection against dust and chips.



Return control system

The parameters for the operating modes are integrated in powerTouch.

LIFE CYCLE SERVICES

Improved performance, more efficient processes, faster help, assurance of availability and smarter working

TEAM & COVERAGE

Largest global service network in the industry with over 1,350 personnel.

INSTALLATION & COMMISSIONING

For a smooth start, we only let proven experts manage your setup.

OPERATION & CONTROL

After teaching your personnel the intuitive control system, our clever apps help to make the operator's life much easier.

MAINTENANCE & SERVICING

To keep things running, we're happy to take a preventative approach. You decide how often and how intensively you want the support to be. As we all know, prevention is better than the cure.

eSHOP & ONLINE ADVANTAGE

A few clicks and it's fixed. Receive exclusive advantages by ordering spare parts online, depending on market availability. shop.homag.com

HOTLINE & READINESS

When there's an emergency, we're here. Direct by phone, digitally via app or video, or with on-site support. We are close to you with over 90 regional service organizations worldwide. With more than 35,000 spare parts immediately available, we can deliver 85% of your orders fast.

TRAINING & EDUCATION

With classroom, live online or eLearning training, we offer flexible options to help you get knowledge. We conduct over 4,000 customer training courses every year, and we even have our own training centers in 19 countries

MODERNIZATION & IMPROVEMENT

Our modernization program is tailored to your machines and processes. We can evaluate your data and situation and advise you on the next step.

ANALYSIS & SUSTAINABILITY

On request, we analyze all your processes with proven tools and procedures (LeanSixSigma). We have a large, certified team of experts for this purpose.

FINANCING & CONSULTING

We offer you tailor-made financing concepts worldwide. With more than 60 years of experience and a close partner network of prominent banks and insurance companies to help us to find the right solution for you, we're always transparent and reliable in processing.

Fast support:

94% resolution rate via our hotline

Close to you:

1,350 service experts worldwide

We get things moving:

Over 1,000 worldwide spare parts shipments each day

No one else has that:

Electronic documentation on over 150,000 machines, available in 28 languages



HOMAG Group AG

info@homag.com
www.homag.com

YOUR SOLUTION

As at 04/25 | Subject to technical change, print errors and mistakes. Images may show special features.

